

## Attachment L

### Applicable requirements for facilities subject to 40 CFR 63 (subpart ZZZZ) National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Affected facility	Type of source	Compliance schedule and exemption determination	Emission limitations and operating limitations	Recordkeeping and reporting requirements	General requirements	Compliance demonstration and testing	Monitoring requirements
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585	<p>Existing (constructed before 12/19/02) stationary RICE shall comply with the applicable emission and operating limitations no later than June 15, 2007, as specified in 40 CFR 63.6595 (a)(1).</p> <p>New or reconstructed stationary RICE (startup before 8/16/04), shall comply with the applicable emission and operating limitations by 8/16/04, as specified in 40 CFR 63.6595 (a)(2).</p> <p>New or reconstructed stationary RICE, which start up after August 16, 2004, shall comply with the applicable emission and operating limitations upon startup of the affected source, as specified in 40 CFR 63.6595 (a)(3).</p> <p>Area sources that become major source: An area source that increases its emissions or its potential to emit such that it becomes a major source of HAP, shall be in compliance by dates specified in 40 CFR 63.6595 (b)(1) and (2).</p> <p>Owner or operator of an affected source, shall meet the applicable notification requirements in 40 CFR 63.6645 and in 40 CFR part 63, subpart A, as specified in 40 CFR 63.6595 (b)(3).</p>	<p>Existing, new, or reconstructed spark ignition 4 stroke rich burn (4SRB) stationary RICE located at a major source of HAP emissions shall comply with the emission limitations in 40 CFR 63 subpart ZZZZ Table 1a and the operating limitations in Table 1b which apply, as specified in 40 CFR 63.6600 (a).</p> <p>New or reconstructed 2SLB or 4SLB stationary RICE or a new or reconstructed CI stationary RICE located at a major source of HAP emissions shall comply with the emission limitations in 40 CFR 63 subpart ZZZZ Table 2a and the operating limitations in Table 2b which apply, as specified in 40 CFR 63.6600 (b).</p> <p>For a list of units that do not have to comply with emission limits in Table 1b and 2b of 40 CFR 63 Subpart ZZZZ, refer to 40 CFR 63.6600 (c).</p>	<p>Owner or operator shall submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8 (e), (f)(4) and (6), and 63.9 (b) through (e), and (g), and (h) that are applicable to the source, as specified in 40 CFR 63.6645 (a).</p> <p>If the new or reconstructed stationary RICE startup was on or after August 16, 2004, owner or operator shall submit an Initial Notification not later than 120 days after you become subject to 40 CFR 63 subpart ZZZZ, as specified in 40 CFR 63.6645 (c).</p> <p>If a performance test is required, owner or operator shall submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1), as specified in 40 CFR 63.6645 (e).</p>	<p>Source shall be in compliance with applicable emission limitations and operating limitations at all times, except during periods of startup, shutdown, and malfunction as required in 40 CFR 63.6605 (a)</p> <p>If source shall comply with emission limitations and operating limitations, the source shall operate and maintain the stationary RICE, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. as required in 40 CFR 63.6605 (b)</p>	<p>Initial performance test or initial compliance demonstrations in 40 CFR 63 subpart ZZZZ Table 4 shall be achieved no later than 180 days after the date specified in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2), as specified in 40 CFR 63.6610 (a).</p> <p>If construction or reconstruction commenced between December 19, 2002 and June 15, 2004, refer to 40 CFR 63.6610 (b) or (c).</p> <p>Owner or operator is not required to conduct an initial performance test on units for which a performance test has been previously conducted, but the test must meet all of the conditions described in 40 CFR 63.6610 (d)(1) through (5)</p> <p>If source shall comply with the emission limitations and operating limitations, subsequent performance tests shall be conducted as specified in 40 CFR 63 subpart ZZZZ Table 3, as specified in 40 CFR 63.6615.</p> <p>Owner or operator shall conduct each applicable performance test in 40 CFR 63.6620.</p>	<p>CEMS installed as specified in 40 CFR 63 subpart ZZZZ Table 5 shall be installed, operated, and maintained according to the requirements in 40 CFR 63.6625 (a)(1) through (4)</p> <p>CPMS installed as specified in 40 CFR 63 subpart ZZZZ Table 5 shall be installed, operated, and maintained according to the requirements in 40 CFR 63.8</p>

**Attachment L (Continued)**

**Applicable requirements for facilities subject to 40 CFR 63 (subpart ZZZZ) National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

Affected facility	Type of source	Compliance schedule and exemption determination	Emission limits, work practice standards, and operating limitations	Recordkeeping and reporting requirements	General requirements	Compliance demonstration and testing	Monitoring requirements
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585			<p>If a performance test or other initial compliance demonstration shall be conducted as specified in 40 CFR 63 subpart ZZZZ Tables 4 and 5, owner or operator shall submit a Notification of Compliance Status according to 40 CFR 63.9 (h)(2)(ii) and as specified in 40 CFR 63.6645 (f).</p> <p>Owner or operator shall submit each applicable report in 40 CFR 63 subpart ZZZZ Table 7, according to requirements specified in 40 CFR 63.6650 (a) and (b)(1) through (5).</p> <p>The compliance report must contain the information required in 40 CFR 63.6650(c)(1) through (6).</p> <p>For reporting deviations from an emission limit or operating limit, include in the compliance report the information specified in 40 CFR 63.6650 (d) or (e) as applicable.</p> <p>Owner or operator shall keep records required in 40 CFR 63.6655 for the duration and specified form listed in 40 CFR 63.6660.</p>		<p>Initial and continuous compliance with the applicable emission and operating limitations shall be demonstrated, as specified in 40 CFR 63.6630, 63.6635, 63.6640, and 40 CFR 63 subpart ZZZZ Table 5.</p> <p>Each performance test shall be conducted according to the requirements in 40 CFR 63.7 (e)(1) and under the specific conditions specified in 40 CFR 63 subpart ZZZZ Table 4. The test shall be conducted at any load condition within plus or minus 10 percent of 100 percent load.</p> <p>Three separate test runs for each performance test required in 40 CFR 63.6620 shall be conducted, as specified in 40 CFR 63.7 (e)(3). Each test run must last at least 1 hour.</p> <p>To determine compliance with the percent reduction requirement, refer to 40 CFR 63.6620 (e).</p> <p>If source complies with emission limitation to reduce CO, refer to 40 CFR 63.6620 (f).</p>	

**Attachment L (Continued)**

**Applicable requirements for facilities subject to 40 CFR 63 (subpart ZZZZ) National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

Affected facility	Type of source	Compliance schedule and exemption determination	Emission limits, work practice standards, and operating limitations	Recordkeeping and reporting requirements	General requirements	Compliance demonstration and testing	Monitoring requirements
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585					<p>The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status including the information specified in 40 CFR 63.6620 (i)</p> <p>Sources complying with the emission and operating limitations shall demonstrate initial compliance as specified in 40 CFR 63.6630</p> <p>Sources complying with the emission and operating limitations shall demonstrate continuous compliance as specified in 40 CFR 63.6640</p>	
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585 AND stationary RICE is a new or reconstructed emergency stationary RICE; or a new or reconstructed limited use stationary RICE.		None	Owner or operator shall submit an Initial Notification including the information in 40 CFR 63.9 (b)(2)(i) through (v), and a statement that the stationary RICE has no additional requirements and explain the basis of the exclusion, as specified in 40 CFR 63.6645 (d).	None	None	None

**Attachment L (Continued)**

**Applicable requirements for facilities subject to 40 CFR 63 (subpart ZZZZ) National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

Affected facility	Type of source	Compliance schedule and exemption determination	Emission limits, work practice standards, and operating limitations	Recordkeeping and reporting requirements	General requirements	Compliance demonstration and testing	Monitoring requirements
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585 AND new or reconstructed stationary RICE which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis		None	<p>Owner or operator shall submit an Initial Notification including the information in 40 CFR 63.9 (b)(2)(i) through (v), and a statement that the stationary RICE has no additional requirements and explain the basis of the exclusion, as specified in 40 CFR 63.6645 (d).</p> <p>Owner or operator shall submit an annual report according to 40 CFR 63 subpart ZZZZ Table 7 by the date specified. Report the data specified in 40 CFR 63.6650 (g)(1) through (g)(3).</p> <p>Owner or operator shall keep the records of daily fuel usage monitors.</p>	None	None	Owner or operator shall monitor and record fuel usage daily with separate fuel meters to measure the volumetric flow rate of each fuel. The stationary RICE shall be operated in a manner which reasonably minimizes HAP emissions.

**Attachment L (Continued)**

**Applicable requirements for facilities subject to 40 CFR 63 (subpart ZZZZ) National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines**

<b>Affected facility</b>	<b>Type of source</b>	<b>Compliance schedule and exemption determination</b>	<b>Emission limits, work practice standards, and operating limitations</b>	<b>Recordkeeping and reporting requirements</b>	<b>General requirements</b>	<b>Compliance demonstration and testing</b>	<b>Monitoring requirements</b>
Natural gas transmission and storage facilities owning or operating a stationary reciprocating internal combustion engine (RICE) as defined in 40 CFR 63.6585	Major sources of HAP as defined in 40 CFR 63.6585 AND stationary RICE which is an existing spark ignition 2 stroke lean burn (2SLB), an existing spark ignition 4 stroke lean burn (4SLB), an existing compression ignition (CI), an existing emergency stationary RICE, an existing limited use stationary RICE, or an existing stationary RICE that combusts landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis, as specified in 40 CFR 63.6665.		None	None	None	None	None